

## MONTH IN REVIEW FOR NORTHERN ARIZONA FOR JULY 2012

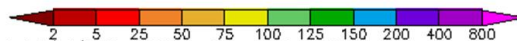
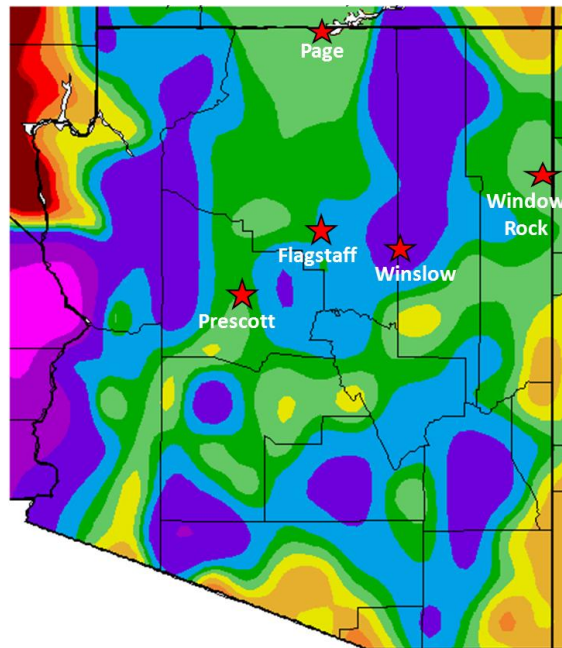
### ...TEMPERATURE AND PRECIPITATION OVERVIEW...

July marked a welcome arrival of monsoon moisture to Arizona. Many locations across the northland received above normal amounts of precipitation, with some areas ranking amongst the highest precipitation totals on record for the month of July. The increased rainfall also brought below normal daytime temperatures with above normal overnight lows.

#### JULY DATA AND DEPARTURES FROM NORMAL FOR SELECTED CITIES:

	MAX	DEP	MIN	DEP	PCPN	DEP	PCPN
	TEMP	NORM	TEMP	NORM	TOTL	NORM	%NORM
Flagstaff	79.5	-1.7	53.1	2.2	3.45	0.84	132%
Winslow	92.7	-1.8	65.1	3.2	2.30	1.26	221%
Prescott AP	88.0	-1.3	63.9	2.1	3.01	0.90	143%
Prescott WTP	87.7	-1.2	61.4	1.3	3.19	0.48	118%
St Johns	88.6	-1.2	60.3	1.5	2.57	0.72	139%
Grand Canyon AP	83.2	-1.0	50.4	3.6	2.70	0.92	152%
Bellefont	79.9	-1.7	49.9	3.9	3.87	1.51	164%
Show Low AP	84.6	-1.6	60.3	1.7	2.73	0.35	115%
Cottonwood	96.8	-3.3	68.0	1.0	3.35	1.66	198%
Seligman	89.8	-2.8	59.2	2.9	3.06	1.23	167%

#### % of Normal Precipitation - July 2012



Generated 8/01/2012 at WRCC using provisional data.  
NOAA Regional Climate Centers

Here are some other precipitation totals from our  
Co-operative observers around northern Arizona.

<u>LOCATION</u>	<u>JULY PRECIP</u>
ALPINE	4.76
BAGDAD	3.28
BELLEMONT WFO	3.87
BLUE RIDGE	4.76
BRIGHT ANGEL	2.37
CASTLE HOT SPRINGS	1.50
CHINO VALLEY	3.28
FLAGSTAFF AIRPORT	3.45
GANADO	1.68
GISELA	3.33
GRAND CANYON AIRPORT	2.70
GRAND CANYON VISITOR CENTER	5.53
JEROME	4.32
LEES FERRY	1.46
MCNARY 2 N	5.39
NATURAL BRIDGE	2.97
OAK CREEK	5.45
PAGE AIRPORT	1.01
PAINTED DESERT N.P.	2.11
PAYSON	4.79
PETRIFIED FOREST N.P.	1.87
PHANTOM RANCH	2.19
PRESCOTT AIRPORT	3.01
PRESCOTT CITY	3.19
SAINT JOHNS	2.57
SAINT JOHNS AIRPORT	2.64
SELIGMAN	3.06
SHOW LOW AIRPORT	2.73
SNOWFLAKE	2.79
SUNRISE MOUNTAIN	5.96
SUNSET CRATER N. M.	4.28
TSAILE 1 SSW	2.88
TEEC NOS POS	1.74
WALNUT CANYON N. M.	4.63
WHITERIVER 1 SW	2.63
WILLIAMS 35 NNW	4.22
WINDOW ROCK AIRPORT	3.23
WINSLOW AIRPORT	2.31
WUPATKI N.M.	1.63

Several locations across northern Arizona saw monthly precipitation totals ranking amongst the highest on record for July. Below is a list of these stations along with their ranking.

<u>LOCATION</u>	<u>JULY PRECIP RANK</u>
WALNUT CANYON N.M.	2 <sup>ND</sup> WETTEST
OAK CREEK	2 <sup>ND</sup> WETTEST
GRAND CANYON AIRPORT	3 <sup>RD</sup> WETTEST*
SUNSET CRATER N.M.	6 <sup>TH</sup> WETTEST
PAYSON	9 <sup>TH</sup> WETTEST
SHOW LOW	9 <sup>TH</sup> WETTEST
WINSLOW AIRPORT	12 <sup>TH</sup> WETTEST
PRESCOTT AIRPORT	15 <sup>TH</sup> WETTEST
SELIGMAN	15 <sup>TH</sup> WETTEST
JEROME	19 <sup>TH</sup> WETTEST
FLAGSTAFF AIRPORT	32 <sup>ND</sup> WETTEST

\*Denotes shorter period of record beginning 1998

### **...SIGNIFICANT WEATHER...**

**July 3:** Flagstaff Airport received its first drop of rain in 92 days. This ended the 3<sup>rd</sup> longest streak of days on record with no precipitation.

**July 14<sup>th</sup>:** Heavy rainfall ranging from 3 to over 4 inches fell over the Gladiator wildfire burn area near Crown King. Intense runoff caused damaging rock, mud, and debris flows that washed out portions of Crown King Road. The runoff also caused a significant amount of water to flow through Turkey Creek and into the Agua Fria River. Thunderstorms also impacted Havasupai Reservation causing a 4 foot rise on Havasu Creek which washed out a foot bridge.

**July 15<sup>th</sup>:** 1 inch hail was reported just south of Pinetop-Lakeside in the afternoon. Later in the evening, 3 inches of heavy rain fell in Pine causing flooding of Pine Creek and Bradshaw Road.

**July 16<sup>th</sup>:** Golf ball sized (1.75 inch) hail was reported at the Cameron Trading Post from a strong, supercell thunderstorm that passed over Highway 89.

**July 22<sup>nd</sup>:** A strong thunderstorm impacted I-17 between Black Canyon City and Sunset Point. A downburst wind gust of 67 mph was reported just southeast of Bumble Bee, and a truck was blown over on I-17

about 4 miles north of Bumble Bee. In Skull Valley, localized flooding occurred and a lightning strike set a power pole on fire.

**July 23<sup>rd</sup>:** Heavy rain near Camp Verde caused water to flow over Highway 260 (mile post 218) just west of I-17. Flooding was reported in Payson with 2 feet of water running over Forest Drive.

**July 24<sup>th</sup>:** Heavy rain in the Grand Canyon region caused rock slides across portions of the Bright Angel Trail. Law enforcement also reported about a 3-4 foot rise on Havasu Creek near Supai Village. Thunderstorms later in the afternoon produced localized flooding in the areas of Flagstaff, Sedona, and Dewey-Humboldt.

**July 29<sup>th</sup>:** Heavy rain caused street flooding in Tuba City with water entering homes. Water and debris flowed over Highway 89, and Moenkopi wash was flowing.

**July 30<sup>th</sup>:** Strong downburst winds from a thunderstorm caused damage near St. Johns. At least three power lines were knocked down and construction materials were blown into a building causing roof and wall damage.

**July 31<sup>st</sup>:** A few strong storms developed over northeast AZ with two funnel clouds reported. One was reported in Rough Rock around 3:30 PM and another west of St. Johns around 4:30 PM. In addition, 1 to 2 inches of heavy rain fell over the Havasu and Cataract Creek drainages causing significant flooding in Supai Village and Havasu Canyon into the early morning hours of August 1<sup>st</sup>.

PLEASE SEND QUESTIONS OR COMMENTS TO [W-FGZ.WEBMASTER@NOAA.GOV](mailto:W-FGZ.WEBMASTER@NOAA.GOV)